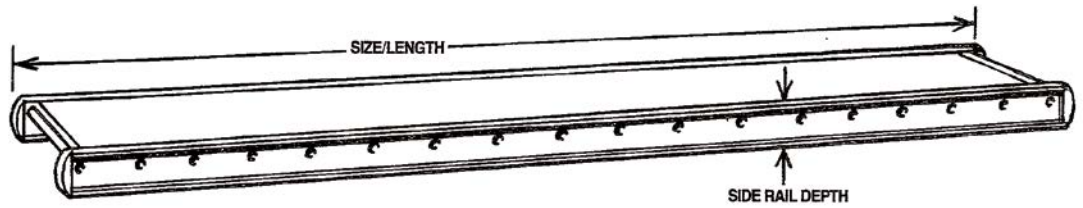


scaffold decking



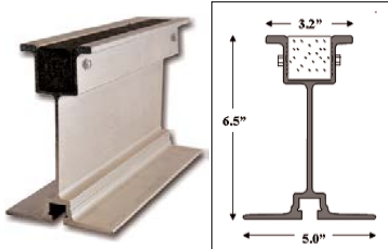
Aluminum Stage 2-Man - SWL (lbs): 500					
Rail		24" Wide		28" Wide	
Length (ft)	Depth (in)	Model	Wt (lbs)	Model	Wt (lbs)
7	4	SL-D2408	24	SL-D2808	31
12	4	SL-D2412	34	SL-D2812	47
16	5	SL-D2416	43	SL-D2816	69
20	6	SL-D2420	60	SL-D2820	91
24	6	SL-D2424	72	SL-D2824	109
28	6 HD	SL-D2428	84	SL-D2828	145
32	6 HD	SL-D2432	145	SL-D2832	166
34	6.5	SL-D2434	233	SL-D2834	251
36	6.5	SL-D2436	248	SL-D2836	267
38	6.5	SL-D2438	262	SL-D2838	282
40	6.5	SL-D2440	276	SL-D2840	297

Aluminum Stage 3-Man - SWL (lbs): 750					
Rail		24" Wide		28" Wide	
Length (ft)	Depth (in)	Model	Wt (lbs)	Model	Wt (lbs)
8	5	SL-DX2408	42	SL-DX2808	45
12	5	SL-DX2412	65	SL-DX2812	70
16	6	SL-DX2416	85	SL-DX2816	100
20	6 HD	SL-DX2420	120	SL-DX2820	125
24	6 HD	SL-DX2424	145	SL-DX2824	155
28	6 HD	SL-DX2428	200	SL-DX2828	220
32	6 HD	SL-DX2432	230	SL-DX2832	250
34	7	SL-DX2434	280	SL-DX2834	298
36	7	SL-DX2436	288	SL-DX2836	317
38	7	SL-DX2438	315	SL-DX2838	335
40	7	SL-DX2440	332	SL-DX2840	353

aluminum support beams

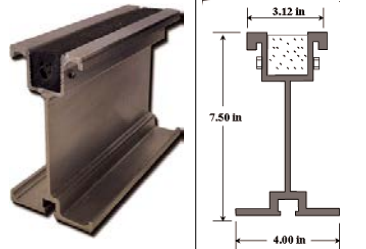
Use aluminum beams as the main support structure, add 3/4" plywood as an alternative to aluminum stages. OSHA compliant Scaffold Planks may be used instead of plywood.

6.50" Aluminum Beam



Model	Length(ft)	Wt(lbs)
Beam w/Nailer	7.0	28
Beam w/Nailer	10.5	42
Beam w/Nailer	14.0	56
Beam w/Nailer	21.0	84

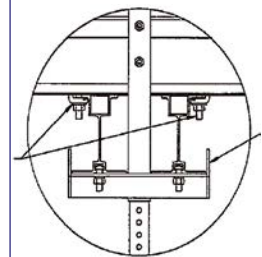
7.50" Aluminum Beam



Model	Length(ft)	Wt(lbs)
Beam w/Nailer	7.0	42
Beam w/Nailer	10.5	63
Beam w/Nailer	14.0	84
Beam w/Nailer	21.0	126



A-Clamp Assembly (1/2" X 1 5/8" Bolt)



Model	Wt (lbs)
SL-0910725	.12

scaffold-grade plank

DENSE INDUSTRIAL 65 SCAFFOLD PLANK



Two-Inch OSHA compliant scaffold plank available lengths: 10 ft., 12 ft., 16 ft.

Allowable Spans

The span of a scaffold plank is the distance it runs between supports. The longer the span, the more deflection (bend) it will have, and therefore, the less its load-bearing capacity will be. For 2 x 10 (nominal) or 2 x 9 (rough) solid sawn wood planks, allowable spans for a given load are shown in the table below:

Max Intended Load	Max Permissible Span Using Full Thickness Lumber	Max Permissible Span Using Nominal Thickness Lum-ber
25 lbs./square foot	10 feet	8 feet
50 lbs./square foot	8 feet	6 feet
75 lbs./square foot	6 feet	--

Because nominal thickness lumber is not cut to its exact dimensions, nominal 2 x 10 is really more like 1 1/2 x 9 1/4. As a result, it does not have the same load-bearing capacity of full thickness lumber.

Allowable Deflection

To assure that scaffold planking remains within its safe load-bearing capacity, it may not be allowed to deflect more than 1/60th of its span between supports [1926.451(f)(16)]. The table below shows how little deflection that is.

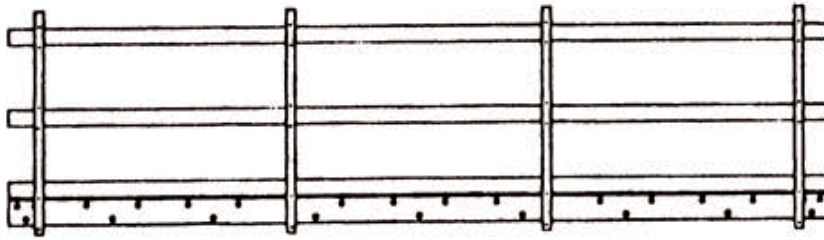
Span of Plank Between Supports	Calculation	Maximum Permissible Deflec-tion
10 feet	120 inches/60 inches	2 inches
7 feet	84 inches/60 inches	1-3/8 inches
5 feet	60 inches/60 inches	1 inch

Workers should be aware of deflection because it can indicate when a platform is overloaded, and a competent person should not allow employees to occupy a platform that exceeds the 1/60th ratio.

source: US Department of Labor (OSHA)

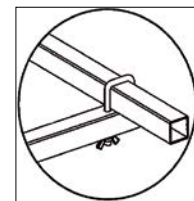


guardrail & endrail systems

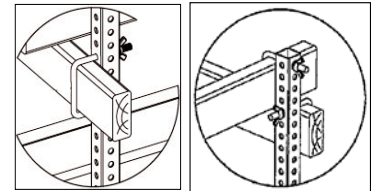


aluminum guardrail per side					
Model	GR (ft)	Qty GR	Qty Conn.	Qty Post	Wt (lbs)
SL-GR07	7	2	0	2	31
SL-GR08	8	2	0	2	32
SL-GR12	12	2	0	3	48
SL-GR16	16	2	0	3	52
SL-GR20	20	2	0	4	68
SL-GR24	24	2	0	4	74
SL-GR28	14	4	2	5	90
SL-GR32	16	4	2	5	94
SL-GR34	17	4	2	6	108
SL-GR36	18	4	2	6	110
SL-GR38	19	4	2	6	112
SL-GR40	20	4	2	6	114

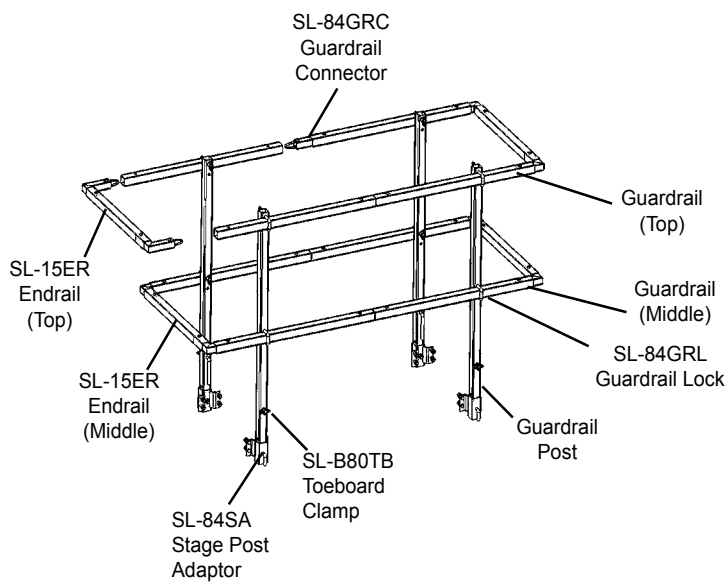
aluminum endrail per side		
Model	Length (in)	Wt (lbs)*
SL-ER24	30	3.5
SL-ER28	34	4
SL-ER48	54	5.5
SL-ER56	62	6.5
SL-ER72	78	8
SL-ER84	90	9
SL-ER96	102	10
SL-ER112	118	11
SL-ER120	126	12
SL-ER140	146	13
SL-ER144	150	13.5
SL-ER168	174	15



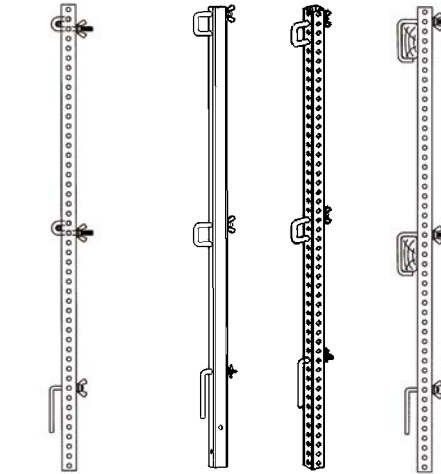
Using SL-84GRL3 endrail lock instead of endrail connector



Using SL-35D rail lock (for 2" X 4" wood rail)



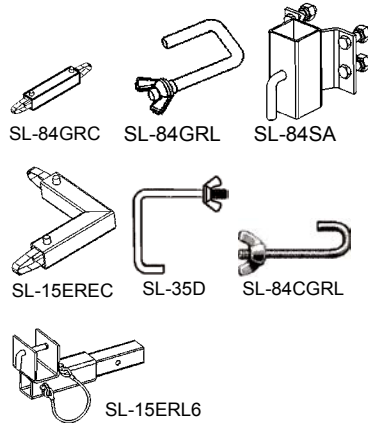
guardrail component & accessories



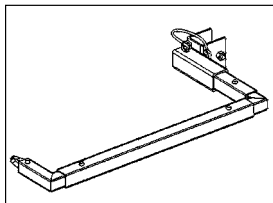
SL-71B48GC SL-15GRP SL-71B48M SL-71B48GW

Guardrail Posts - 1.5" Sq.		Wt (lbs)
Model	Description	
SL-15GRP	Aluminum w/Toeboard Clips and Locks	3
SL-71B48M	Pre-Galv. Perforated with guardrail & toeboard locks	9
SL-71B48GC	Pre-Galv. perforated with wire rope & toeboard locks	8
SL-71B48GW	Pre-Galv. perforated with wood rail & toeboard locks	10

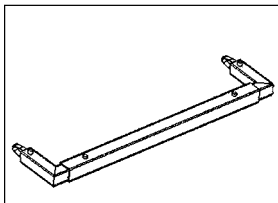
Guardrails (aluminum) - 1.50" sq.		
Model	Length (ft.)	Wt (lbs)
SL-06AL	6	3
SL-08AL	8	4
SL-10AL	10	5
SL-12AL	12	6
SL-14AL	14	7
SL-16AL	16	8
SL-18AL	18	9
SL-20AL	20	10



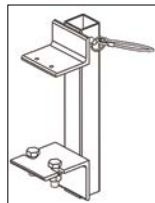
Guardrail Accessories		Wt (lbs)
Model	Description	
SL-84GRC	Guardrail Connector	1
SL-84GRL	Guardrail Lock	.25
SL-84SA	Guardrail Post Adaptor	3
SL-15EREC	Corner Connector	2
SL-35D	Guardrail Lock (wood)	1
SL-84CGRL	Guardrail (wire rope)	.38
SL-15ERL6	Endrail Connector to Vertical Stem	4
SL-24ERL	Endrail Connector w/Corner Corner cConnectors	6
SL-15ER	Endrail (24")	2
SL-84ABAS65	Guardrail Post Adaptor - side (6.5" aluminum beam)	2
SL-84ABA65	Guardrail Post Adaptor - end (6.5" aluminum beam)	2
SL-84ABAS75	Guardrail Post Adaptor - side (7.5" aluminum beam)	3
SL-84ABA75	Guardrail Post Adaptor - end (7.5" aluminum beam)	3



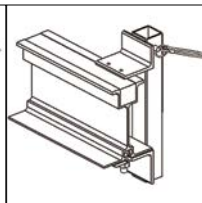
SL-24ERL



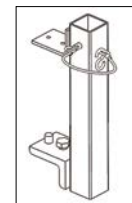
SL-15ER



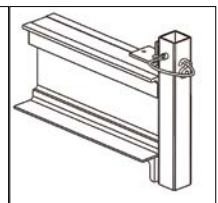
SL-84ABAS65



SL-84ABAS65
INSTALLED



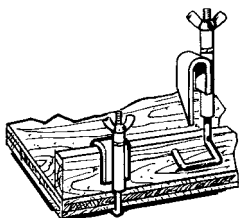
SL-84ABA65



SL-84ABAS65
INSTALLED

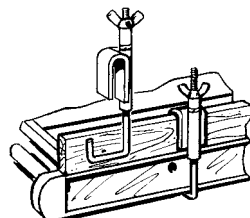
toeboard clamps

SL-S80TB

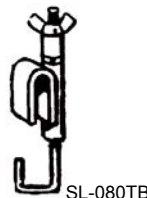


Plywood deck application

SL-080TB



Aluminum Stage application



SL-080TB



SL-S80TB



SL-E80TB



SL-B80TB

Toeboard Clamps		Wt (lbs)
Model	Description	
SL-080TB	TB Lock (Alum. Stage)	2
SL-B80TB	TB Lock (GR Post)	1
SL-E80TB	End TB Lock	2
SL-S80TB	Spike TB Lock (wood deck)	2

